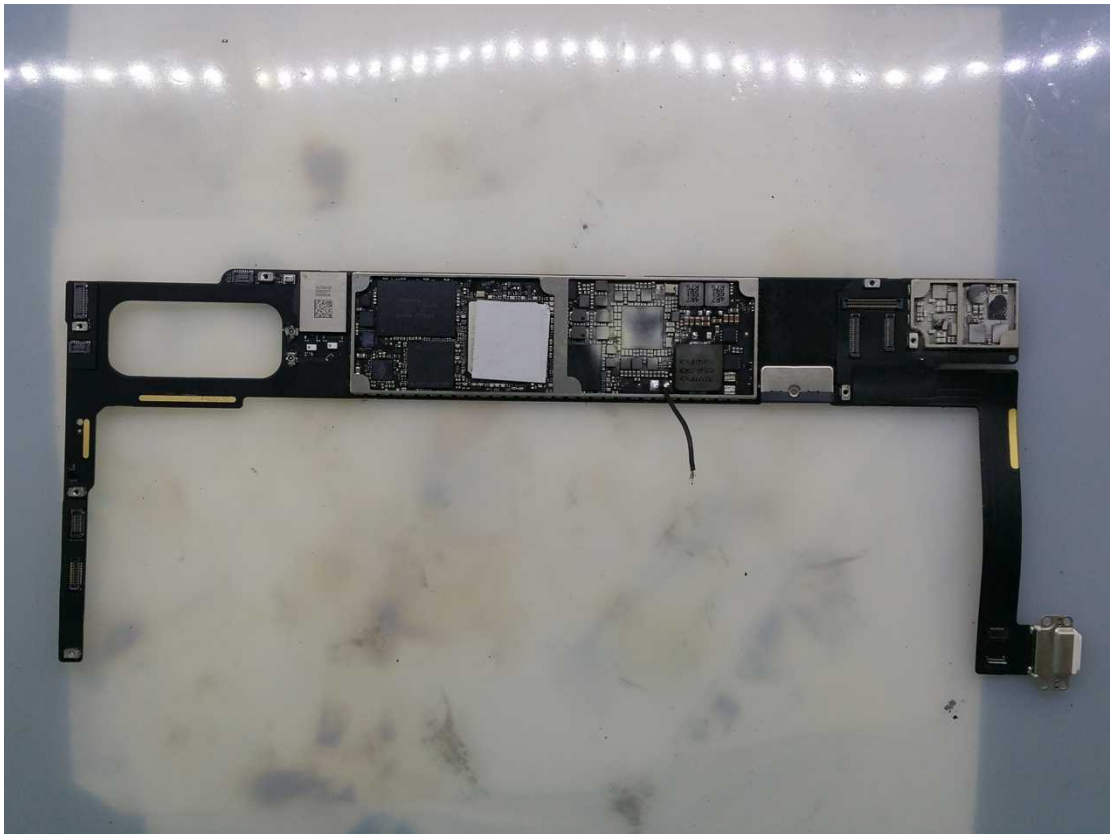
Ipad air2 power-on high current

[Fault phenomenon]

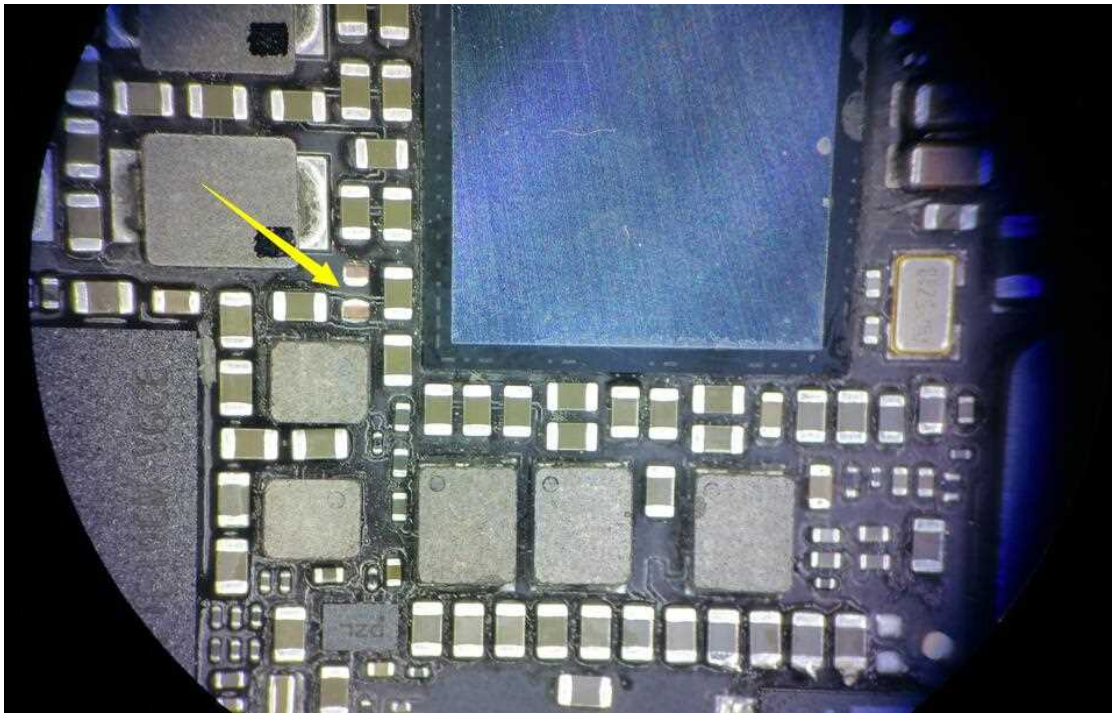
The ipad air2 motherboard is short-circuited, plugging in a large current, and the customer has not removed a few capacitors.

[Maintenance process]

Plug in the Adjustable Power supply direct high current, Test Diode Value(Multimeter uses diode gear, red pen connect GND, black measurement test point) found that L8812 is shorted to ground.



Solder a wire at C8190, Colophony (Solder) on the board, and power up Burn board （Use lager current Power supply Connect circuit,then the point with short circuit will heat up.）.It was found that C8186 was hot, and Test Diode Value(Multimeter uses diode gear, red pen connect GND, black measurement test point) returned to normal after directly removing C8186.



After filling in a few capacitors that were removed before the customer, the power-on test is normally displayed.

